BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 20.00Lakhs

Name of Work:Providing chain link fencieng to remaining portion of proposed park near Ambhabhavani temple road and its development in Attur ward no-03.

S.N	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1,Earth work excavation by manual means in ordinary soil involving an average horizontal throw up to 2 meters and an average lift uo to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item no19.1,Page no141, PWD SR 2016-17)	Cum							
	Park inside ground		1	62.00	32.00	0.55	1091.20		
			1	25.00	4.70	0.45	52.88		
			1	35.00	7.00	0.45	110.25		
			1	29.00	7.00	0.45	91.35		
	Entrance gate		1	8.50	7.00	0.35	20.83		
							1366.50		
	Flat form		1	2.00	2.00	0.35	1.40		
			1	1.60	1.00	0.35	0.56		
							1.96		
							1364.54	86.92	118606.00
	Basic Rate	82.00							
	Area Weightage @ 6%	4.92							
	Total Rs	86.92							
2	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum							
	SSM Wall		1	38.00	0.90	0.50	17.10		
							17.10	200.34	3426.00
	Basic Rate	189.00							

	Area Weightage @ 6%	11.34							
	Total Rs	200.34							
3	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 1				1381.64	72.08	99589.00
	Basic Rate	68.00							
	Area Weightage @ 6%	4.08							
	Total Rs	72.08							
4	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)	Sqm							
	for SSM		1	19.80	0.75	0.45	6.68		
			1	19.80	0.60	0.70	8.32		
			1	18.00	0.60	0.35	3.78		
							18.78	4438.22	**83343.00**
	Basic Rate	4187.00							
	Area Weightage @ 6%	251.22							
	Total Rs	4438.22							
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.22/I.5.9 PW, P & IWTD -SR 2016-2017)	Sqm							
	for SSM		1	38.00	0.45	0.35	5.99		

							5.99	5305.30	31752.00
	Basic Rate	5005.00							
	Area Weightage @ 6%	300.30							
	Total Rs	5305.30							
6	KSRB 15.1.1: Providing **flush pointing** to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.(Page No.113/Item No. 15.1)	Sqm							
			2	38.00		0.45	34.20		
							34.20	102.82	**3516.00**
	Basic Rate	97.00							
	Area Weightage @ 6%	5.82							
	Total Rs	102.82							
7	KSRRB M300-53 : Construction of embankment with approved material Gravel/Murrum with all lifts and leads, trasnporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications (which includes cost of gravel / murrum, watering charges & compaction by vibratory roller) MORTH Specification No. 305. **(Page No. 144 & Item No. 19.60)**	Cum							
	Park inside ground		1	62.00	33.00	0.35	716.10		
			1	25.00	4.70	0.35	41.13		
			1	35.00	7.00	0.35	85.75		
			1	29.00	7.00	0.35	71.05		
	Entrance gate		1	8.50	7.00	0.35	20.83		
							934.85		
	Flat form		1	2.00	2.00	0.35	1.40		
			1	1.60	1.00	0.35	0.56		
							1.96		
							932.89	320.12	298637.00
	Basic Rate	302.00							
	Area Weightage @ 6%	18.12							
	Total Rs	320.12							

8	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum							
	Kerb base concrete		3X2	55.00	0.25	0.10	8.25		
			6X2	15.00	0.25	0.10	4.50		
	For ssm Wall		1	38.00	0.90	0.15	5.13		
	Entrance gate		1	8.50	7.00	0.15	8.93		
							26.81		
	Flat form		1	2.00	2.00	0.15	0.60		
			1	1.60	1.00	0.15	0.24		
							0.84		
							25.97	5159.02	133954.00
	Basic Rate	4867.00							
	Area Weightage @ 6%	292.02							
	Total Rs	5159.02							
9	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.(pwd sr 2016-17,.n o25 5.30)	Nos							
	Kerb line;-Outside		2X1	55.00			110.00		
			2X1	30.00			60.00		
	Inside		8X1	24.30			194.40		
			8X1	15.00			120.00		
			1	29.00			29.00		
							513.40		
							1140.89		
						Say	1141.00	331.78	378560.98
	Basic Rate	313.00							

	Area Weightage @ 6%	18.78							
	Total Rs	331.78							
10	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS (P.No 101, I.No 14.6)	Sqm							
	Path way		2	55.00	2.40		264.00		
			1	49.30	2.40		118.32		
			6	15.00	2.40		216.00		
							598.32	966.72	578408.00
	Basic Rate	912.00							
	Area Weightage @ 6%	54.72							
	Total Rs	966.72							
11	KSRB M2200-5.11.Design mix M20 with OPC cement @320 kgs,with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming to IS9103-1999 Reaffirmed-2008.etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no216,sno28.7.9)	Cum							
	Kerb stones side concreting		3X2	55.00	0.075	0.10	2.48		
			6X2	15.00	0.075	0.10	1.35		
	SSM Wall coping		1	38.00	0.450	0.10	1.71		
	Entrance gate concreting		1	8.50	7.00	0.12	7.14		
							12.68		
	Flat form		1	2.00	2.00	0.12	0.48		
			1	1.60	1.00	0.12	0.19		
							0.67		
							12.00	7580.06	90983.00
	Basic Rate	7151.00							
	Area Weightage @ 6%	429.06							

	Total Rs	7580.06							
12	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100 mm including cost of cutting machine, generator & HOM of machinery, including cost of blade,coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications (P.No 175, I.No 22.8.1)	Rmt							
			1	8.50			8.50		
			1	8.00			8.00		
							16.50	121.90	2011.35
	Basic Rate	115.00							
	Area Weightage @ 6%	6.90							
	Total	121.90							
13	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications (Page No 121, Item No 15.80)	Sqm							
	Kerb line		3X2	50.00		0.30	90.00		
			6X2	15.00		0.30	54.00		
	Basic Rate	26.00					144.00	27.56	3969.00
	Area Weightage @ 6%	1.56							
	Total Rs	27.56							

14	KSRB 15-20.1 : Providing and applying floor painting with ready mix paint in two coats (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications Page No 131, Iem No 15.83)	Sqm							
	Kerb line		3X2	50.00		0.30	90.00		
			6X2	15.00		0.30	54.00		
	Basic Rate	50.00					144.00	53.00	7632.00
	Area Weightage @ 6%	3.00							
	Total Rs	53.00							
									1834387.32
								TOTAL RS	1849632.60
							KRIDL Charges 8%	+17.(147970.61	165094.86
15	Miscellaneous charges	L/s							2396.79 5174.81
								Total RS	2000000.00
	(Rupees Twenty lakhs only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of, PRED 2016-17 & SE-RDED approved Rate.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward no: 03

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Sattellite Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

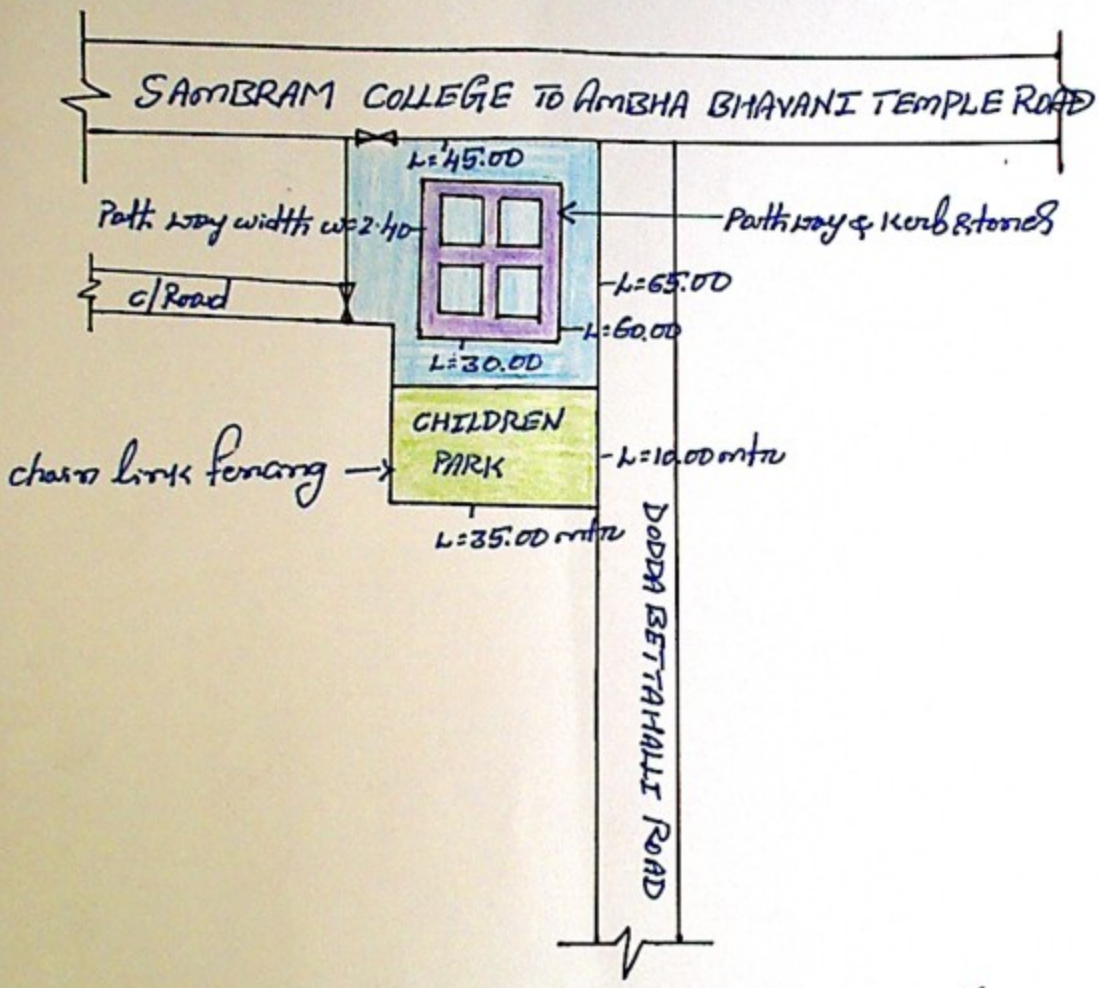
Administrative Approval
Accorded For 20.00 lakh Rs.
Head of A/C P.3089
CER NO :238 Dt: 28/03/17

TA CE (YNK)

Technical Sanction
Accorded For 20.00 lakh Rs
Head of A/C P.3089
CER NO :210 Dt: 28/03/17

TA CE (YNK)

Name of work:- Providing chain link fencing to remaining portion of proposed park near Ambhabhavani Temple road and its development in Attur ward no-03.



AE-03

AEE